



SDI Review Form 1.6

Journal Name:	Journal of Geography, Environment and Earth Science International
Manuscript Number:	Ms_JGEESI_47809
Title of the Manuscript:	Estimation of Geothermal gradient and heat flow for determination of geothermal energy sources in Monguno Area of northeastern Nigeria.
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<ul style="list-style-type: none"> - Each profile covers a square area of 18.33 by 18.33 km. It's a very small to give accurate results. - The average radial energy spectral was calculated and displayed in a logarithm of energy versus frequency. The plots of the logarithms of the energy spectra (Log E) against the domain frequencies were made. Please, can you put figures which show two examples at least. - Equation No. 6, give the definition of "θ". 	<p>--- Here we are talking about km and not m or cm. So it is quite a large square area to give accurate result.</p> <p>--- The data which were so large were handled using some programs, and it is difficult to identify the corresponding entries now.</p> <p>-----The θ depicts the Curie temperature; and for magnetite, θ is equivalent to 580°C [22]</p>
Minor REVISION comments		
Optional/General comments		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	